

# KTX-Q

## KINETIC FAST-CURE QUARTZ BROADCAST SYSTEM

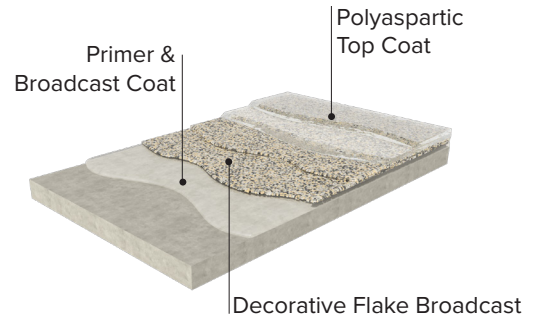
Resinwerks KTX-Q is a fast-drying double broadcast quartz application that incorporates high solids polyaspartic base coats, grout, and topcoats. This system provides for minimal installation down time while providing a UV stable, chemical resistant finish. Available in an unlimited number of colors and blends, the system can be modified to accommodate varying substrate conditions, installation time frames, and coefficient of friction (traction) requirements.

### Applications

- Walkways
- Concourses
- Car Dealerships
- Education
- Parking Garages

### Features:

- Excellent UV Stability
- Good chemical & abrasion resistance
- Low Odor & VOC
- ADA compliant slip coefficient
- Superior impact resistance



SYSTEM COMPONENTS:	
PRIMER & BROADCAST COAT OPTIONS:	
Vapor Barrier Epoxy FC	Fast-Cure 100% solids vapor barrier epoxy
Kinetic®	72% Solids Polyaspartic
Kinetic® 85	85% Solids Polyaspartic
SECOND BROADCAST COAT:	
Kinetic®	72% Solids Polyaspartic
FINAL GROUT & TOP COAT:	
Kinetic®	72% Solids Polyaspartic

GENERAL SYSTEM PERFORMANCE - SC-100			
TEST TYPE			RESULT
Compressive Strength	ASTMC 695		7,500 PSI
Water Absorption	ASTMD 570		< .1%
Impact Resistance	ASTMD 2794		> 160
Adhesion Pull-Off	ASTMD-4541		+500 PSI concrete fracture
Elongation / Tensile	ASTMD 638		2800 psi
Flexibility 1/4" cylindrical mandrel	ASTMD 5221		Pass
Hardness / Shore D	ASTMD 2240		75
Taber Abrasion	ASTMD 4060		32 mg loss (HDC 100)
Coefficient of Friction	ASTMD-2047		>0.6 / pass

### For Professional Use Only

Please reference all product Technical Data and Material Safety Data Sheets prior to use. Mock-ups are strongly recommended to validate appearance and performance prior to use.

### SURFACE PREPARATION

Ensure substrate to be coated is clean, dry, and in sound condition. All laitance, curing compounds, concrete hardeners, and other surface contaminants must be removed. Prepare concrete in accordance with ASTM D 4259-83. Mechanical shot blasting or planetary grinding is recommended to achieve a surface profile of ICRI CSP 2-3. Surface to be coated must be completely porous, thoroughly vacuumed, and free of excessive dust & contaminants.

### MOISTURE IN CONCRETE

Concrete slabs should be tested prior to application for elevated moisture vapor emission levels. Resinwerks recommends ASTM F2170-19 standard for determining relative humidity in concrete slabs using RH probes. Moisture level results will determine recommended mil thickness for application.

### TREATMENT OF JOINTS & CRACKS

Prior to installation of any Resinwerks primer, all joints, cracks and other substrate irregularities must be addressed. For more information on specific joint treatment procedures, please reference Resinwerks joint-treatment guidelines.

# KTX-Q

# KINETIC FAST-CURE QUARTZ BROADCAST SYSTEM

## DE-GREASING OF CONTAMINATED SUBSTRATES

For concrete substrates containing oil, animal fats, or other carbon based contaminants, slabs should be de-greased appropriately using an enzymatic based concrete de-greasing agent. Multiple applications may be required depending on the level of contamination.

## COVE BASE

For projects requiring a perimeter vertical cove base, please reference Resinwerks cove base installation guidelines or contact your local Resinwerks representative for more information.

## COATING APPLICATION

### 1. Primer/Broadcast Coat Options:

#### Vapor Barrier Epoxy *FC*

- **Mixing:** Thoroughly agitate part A prior to mixing. Mix 2-parts A to .75-Part B by volume for 2-3 minutes using a slow speed jiffy mixer. Make certain that material is properly mixed. Only mix in metal buckets as left-over material can become hot and will melt a plastic bucket. After mixing, get the material out of the bucket and apply material as soon as possible to avoid issues.
- **Application:** Immediately following mixing, pour Vapor Barrier Epoxy onto substrate in a uniform ribbon and spread evenly with a notched squeegee. Apply at a recommended coverage rate of 12-mils or 130 SF/gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.

--OR--

#### Kinetic™ Polyaspartic

- **Mixing:** Thoroughly agitate part A prior to mixing. Mix 1-part A to 1-Part B by volume for 2 minutes using a slow speed jiffy mixer. Be careful not to induce a vortex. Make certain that material is properly mixed. After mixing, material can remain in the bucket until it is ready to be applied.
- **Pigmenting:** material may be pigmented with Resinwerks universal post-ad pigments at a rate of 10-12 oz pigment per mixed gallon or 1-QT (32 Oz.) for every 3-gallons mixed. Pigment should be added at time of mixing.
- **Application:** Pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee or coating broom. Standard recommended coverage is 150 SF per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.

--OR--

#### Kinetic™ 85 Polyaspartic

- **Mixing:** Thoroughly agitate part A prior to mixing. Mix 1-part

#### Important:

Inhalation of vapor or mist can cause headache, nausea irritation of nose, throat, and lungs. Avoid breathing vapors, it is strongly recommended that respirators are worn. Prolonged or repeated skin contact can cause slight skin irritation. All epoxies have the potential of causing skin irritations or allergic reactions. Be careful not to get on skin, clothes or in eyes. Gloves are strongly recommended. If splashed in the eye, flush with warm water and contact a physician if blurring persists.

Solvent based products are extremely flammable, extinguish all pilot lights and sources of ignition such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

Resinwerks recommends the use of slip-resistant additives in all coating systems that are subject to heavy foot traffic and especially those within wet or oily environments It is the end-user's responsibility to provide flooring that meets current safety standards and local coefficient of friction requirements. Resinwerks nor any of its distributors are responsible for injury resulting from any slip and fall incident.

A to 1-Part B by volume for 2 minutes using a slow speed jiffy mixer. Be careful not to induce a vortex. Make certain that material is properly mixed. After mixing, material can remain in the bucket until it is ready to be applied.

- **Pigmenting:** material may be pigmented with Resinwerks universal post-ad pigments at a rate of 10-12 oz pigment per mixed gallon or 1-QT (32 Oz.) for every 3-gallons mixed. Pigment should be added at time of mixing.
- **Application:** Pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee or coating broom. Standard recommended coverage is 150 SF per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.

### 2. Quartz Broadcast

- **Broadcast to Rejection:** Broadcast decorative quartz aggregates to rejection. Recommended coverage rate is 100 ft<sup>2</sup> per 50-lb bag (2 ft<sup>2</sup> per lb.)

### 3. Second Broadcast Coat:

#### Kinetic™ Polyaspartic

- **Mixing:** Thoroughly agitate part A prior to mixing. Mix 1-part A to 1-Part B by volume for 2 minutes using a slow speed jiffy mixer. Be careful not to induce a vortex. Make certain that material is properly mixed. After mixing, material can remain in the bucket until it is ready to be applied.
- **Application:** Pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee or coating broom. Standard recommended coverage is 100 SF per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.

### 4. 2nd Quartz Broadcast

- **Broadcast to Rejection:** Reclaimed quartz from previous broadcast may be reclaimed and re-used. Broadcast decorative quartz aggregates to rejection. Recommended coverage rate is 100 ft<sup>2</sup> per 50-lb bag (2 ft<sup>2</sup> per lb.)

### 5. Gout Coat:

#### Kinetic™ Polyaspartic

- **Mixing:** see previous
- **Application:** See previous. Recommended coverage is 100 SF per gallon.

### 6. Top Coat:

#### Kinetic™ Polyaspartic

- **Mixing:** see previous
- **Application:** See previous. Recommended coverage is 150 SF per gallon.

